## PATENT COOPERATION TREATY

# **PCT**

#### **INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION		of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
esome-sgc03 International application No.		(m a male ( )	L (Fasting) Data the Data (In the Control
international application No.	International filing date (da	y/montn/year)	(Earliest) Priority Date (day/month/year)
PCT/IN 03/00323	25/09/2	2003	
Applicant			
NATCO PHARMA LIMITED			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this Internation ansmitted to the International	nal Searching Auth I Bureau.	nority and is transmitted to the applicant
This International Search Report consists  X It is also accompanied by	of a total of8 a copy of each prior art docu		report.
Basis of the report			
<ul> <li>With regard to the language, the language in which it was filed, unleading to the language.</li> </ul>	international search was carr ess otherwise indicated unde	ried out on the bas er this item.	sis of the international application in the
the international search w. Authority (Rule 23.1(b)).	as carried out on the basis o	f a translation of th	ne international application furnished to this
With regard to any nucleotide and was carried out on the basis of the contained in the internation.	d/or amino acid sequence e sequence listing: nal application in written form rnational application in comp	n.	ternational application, the international search
furnished subsequently to	this Authority in written form		
furnished subsequently to	this Authority in computer re	adble form.	
the statement that the sub international application as	sequently furnished written s s filed has been furnished.	sequence listing do	pes not go beyond the disclosure in the
the statement that the info furnished	rmation recorded in compute	er readable form is	identical to the written sequence listing has been
2. X Certain claims were four	nd unsearchable (See Box (	1).	
3. Unity of invention is lack	king (see Box II).		
4. With regard to the <b>title</b> ,			
the text is approved as sul	bmitted by the applicant.		
	ned by this Authority to read	as follows:	
<b>-</b>			ZOLE AND METHOD OF PREPARATION
5. With regard to the abstract,			
the text is approved as sul the text has been establish within one month from the	ned, according to Rule 38.2(I	b), by this Authorit ational search rep	y as it appears in Box III. The applicant may, ort, submit comments to this Authority.
6. The figure of the drawings to be publi			<u></u>
as suggested by the applic	cant.		None of the figures.
because the applicant faile	ed to suggest a figure.		<u> </u>
because this figure better	characterizes the invention.		

International Application No PCT/IN 03/00323

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/48 A61K A61K31/4439 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. X WO 01/24780 A (VENKATESWARA RAO PAVULURI 1 - 26KHADGAPATHI PODILI (IN); NATCO PHARMA LTD) 12 April 2001 (2001-04-12) cited in the application the whole document X WO 94/27988 A (ASTRA AB ; LINDBERG PER 1 - 26LENNART (SE); VON UNGE SVERKER (SE)) 8 December 1994 (1994-12-08) the whole document WO 01/14367 A (WHITTALL LINDA; APPLIED 1 - 26ANALYTICAL IND INC (US); JENKINS DOUGLAS JOHN) 1 March 2001 (2001-03-01) the whole document -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 4 June 2004 14/06/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Giménez Miralles, J Fax: (+31-70) 340-3016

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	C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
	Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Ц	Υ	EP 0 960 620 A (RANBAXY LAB LTD) 1 December 1999 (1999-12-01) the whole document	1-26
5	Y	DATABASE CHEMABS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; LEE, S-J ET AL.: "Omeprazole enteric-coated soft capsules" XP002164221 Database accession no. 133:242640 abstract	1-26
یر	Υ	DE 32 22 476 A (WARNER LAMBERT CO) 15 December 1983 (1983-12-15) cited in the application the whole document	1-26
7	A	WO 98/50019 A (CHEN JIVN REN ; SAGE PHARMACEUTICALS INC (US)) 12 November 1998 (1998-11-12) the whole document	1-26
ς	A	US 4 138 013 A (OKAJIMA YAKUTARO) 6 February 1979 (1979-02-06) the whole document	1-26
9	A	US 5 877 192 A (LINDBERG PER ET AL) 2 March 1999 (1999-03-02) cited in the application the whole document	1–26
10	A	WO 02/39980 A (LEK TOVARNA FARMACEVTSKIH; SIRCA JUDITA (SI)) 23 May 2002 (2002-05-23) the whole document	1-26
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#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1,14 partially

Present independent claims 1 and 14 lack clarity within the meaning of Article 6 PCT. First, the claims taken as a whole are inconsistent between each other: it remains unclear whether the enteric polymer is "mixed into gelatin" for forming the shell (claim 1) or whether the enteric polymer is "coating the gelatin shell" (claims 3 and 16). Second, claims 1 and 14 are unclear because rabeprazole is not an enantiomer of omeprazole. It remains unclear whether claims 1 and 14 are directed to formulations containing pure enantiomeric forms of omeprazole, mixtures of pure enantiomeric forms of omeprazole, or other compounds analogous to omeprazole (benzimidazole derivatives). The lack of clarity arises to such an extent as to render a meaningful search of the claims impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear, namely formulations wherein i) the shell material comprises a mixture of gelatin and enteric polymer; and ii) the active comprises omeprazole or its S-form (esomeprazole).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.:     because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 1,14 partially because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

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